



Mr. Greg Ashdown  
Manager – Niobrara Operations  
ConocoPhillips Company  
34501 E. Quincy Ave. Building 1  
Watkins, CO 80137  
Phone 307-840-4579  
greg.ashdown@conocophillips.com

**Certified Mail Tracking #7015 0640 0005 6979 7918**

10/29/2019

EPA – Region 8  
Director Air & Toxics Technical Enforcement  
1595 Wynkoop Street  
Denver, CO 80202-1129

**RECEIVED**

**NOV 05 2019**

Enforcement and Compliance  
Assurance Division

Re: 40 CFR Part 60, Subpart OOOO & Subpart OOOOa  
Reporting Period August 2, 2018 through August 1, 2019  
Denver-Julesburg Basin, ConocoPhillips Company

Dear Sir or Madam:

In accordance with requirements in 40 CFR 60.5420(b) and 60.5420a(b) please find enclosed the report for the Denver-Julesburg Basin area of operations. Information contained within this report is included for annual reporting period August 2, 2018 to August 1, 2019.

The Denver-Julesburg Basin area of operations includes equipment typical of the oil and gas production segment (between the wellhead and custody transfer) including well sites and tank batteries. Additionally, the ConocoPhillips Company does engage in drilling and completions activities in the area.

This report is for numerous oil and gas sites spread over a large geographic area. The names and locations of the affected facilities are including in the following attachments:

Attachment A: General Information

Attachment B: Well Completions

Attachment C: Centrifugal Compressors – Not included. There are no centrifugal compressor affected facilities in this asset.

Attachment D: Reciprocating Compressors – Not included. There are no reciprocating compressor affected facilities in this asset.

Attachment E: Pneumatic Controllers – Not included. There are no pneumatic controller affected facilities in this asset.

Attachment F: Storage Tanks Affected Facilities - Not included. There are no storage tanks affected facilities in this asset.

Attachment G: Fugitive Emissions Components

Attachment H: Pneumatic Pumps – Not included. There are no pneumatic pump affected facilities in this asset.

Please contact Rice Curtis at 303-268-3728 or Liang Yu at 832-486-6014 should you need any additional information.

**Certification by Responsible Official**

Based upon information and belief formed after a reasonable inquiry, I, as a responsible official of the above-mentioned facility, certify the information contained in this report is true, accurate and complete to the best of my knowledge.

(b) (6)

29 Oct. 2019

Greg Ashdown, Manager - Niobrara Operations

Date

## **Attachment A: General Information**

(1) The general information specified in paragraphs (b)(1)(i) through (iv) of this section.

(i) The company name and address of the affected facility.

Burlington Resources Oil and Gas Company, LLP a subsidiary of ConocoPhillips Inc..

The address of each affected facility is provided in Attachments B through H as appropriate.

(ii) An identification of each affected facility being included in the annual report.

The identification of each affected facility included in the annual report is provided in Attachments B through H as appropriate.

(iii) Beginning and ending dates of the reporting period.

August 2, 2018 through August 1, 2019.

(iv) A certification by a certifying official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Provided in cover letter.

## **Attachment B: Well Completions**

Gas well affected facility reporting requirements per 40 CFR 60.5420(b)(2) and 40 CFR 60.5420a(b)(2)

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(2) For each gas well affected facility, the information in paragraphs (b)(2)(i) through (ii) of this section.

**There are no gas well affected facilities in the Denver-Julesburg Basin asset.**

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(2) For each well affected facility, the information in paragraphs (b)(2)(i) through (iii) of this section.

## Attachment C: Centrifugal Compressors

Centrifugal compressor affected facility reporting requirements per 40 CFR 60.5420(b)(3) and 40 CFR 60.5420a(b)(3)

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(3) For each centrifugal compressor affected facility, the information specified in paragraphs (b)(3)(i) and (ii) of this section.

(i) An identification of each centrifugal compressor using a wet seal system constructed, modified or reconstructed during the reporting period.

(ii) Records of deviations specified in paragraph (c)(2) of this section that occurred during the reporting period.

(iii) If required to comply with § 60.5380(a)(1), the records specified in paragraphs (c)(6) through (11) of this section.

**Not included. There are no Centrifugal Compressor affected facilities in this asset.**

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(3) For each centrifugal compressor affected facility, the information specified in paragraphs (b)(3)(i) through (iv) of this section.

(i) An identification of each centrifugal compressor using a wet seal system constructed, modified or reconstructed during the reporting period.

(ii) Records of deviations specified in paragraph (c)(2) of this section that occurred during the reporting period.

(iii) If required to comply with § 60.5380a(a)(2), the records specified in paragraphs (c)(6) through (11) of this section.

(iv) If complying with § 60.5380a(a)(1) with a control device tested under § 60.5413a(d) which meets the criteria in § 60.5413a(d)(11) and § 60.5413a(e), records specified in paragraph (c)(2)(i) through (c)(2)(vii) of this section for each centrifugal compressor using a wet seal system constructed, modified or reconstructed during the reporting period.

**Not included. There are no Centrifugal Compressor affected facilities in this asset.**

## **Attachment D: Reciprocating Compressors**

Reciprocating compressor affected facility reporting requirements per 40 CFR 60.5420(b)(4) and 40 CFR 60.5420a(b)(4)

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(4) For each reciprocating compressor affected facility, the information specified in paragraphs (b)(4)(i) through (ii) of this section.

(i) The cumulative number of hours of operation or the number of months since initial startup, since October 15, 2012, or since the previous reciprocating compressor rod packing replacement, whichever is later.

(ii) Records of deviations specified in paragraph (c)(3)(iii) of this section that occurred during the reporting period.

**Not included. There are no Reciprocating Compressor affected facilities in this asset.**

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(4) For each reciprocating compressor affected facility, the information specified in paragraphs (b)(4)(i) and (ii) of this section.

(i) The cumulative number of hours of operation or the number of months since initial startup or since the previous reciprocating compressor rod packing replacement, whichever is later. Alternatively, a statement that emissions from the rod packing are being routed to a process through a closed vent system under negative pressure.

(ii) Records of deviations specified in paragraph (c)(3)(iii) of this section that occurred during the reporting period.

**Not included. There are no Reciprocating Compressor affected facilities in this asset.**

## **Attachment E: Pneumatic Controllers**

Pneumatic controller affected facility reporting requirements per 40 CFR 60.5420(b)(5) and 40 CFR 60.5420a(b)(5)

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(5) For each pneumatic controller affected facility, the information specified in paragraphs (b)(5)(i) through (iii) of this section.

(i) An identification of each pneumatic controller constructed, modified or reconstructed during the reporting period, including the identification information specified in § 60.5390(b)(2) or (c)(2).

(ii) If applicable, documentation that the use of pneumatic controller affected facilities with a natural gas bleed rate greater than 6 standard cubic feet per hour are required and the reasons why.

(iii) Records of deviations specified in paragraph (c)(4)(v) of this section that occurred during the reporting period.

**Not included. There are no Pneumatic Controller affected facilities in this asset.**

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(5) For each pneumatic controller affected facility, the information specified in paragraphs (b)(5)(i) through (iii) of this section.

(i) An identification of each pneumatic controller constructed, modified or reconstructed during the reporting period, including the identification information specified in § 60.5390a(b)(2) or (c)(2).

(ii) If applicable, documentation that the use of pneumatic controller affected facilities with a natural gas bleed rate greater than 6 standard cubic feet per hour are required and the reasons why.

(iii) Records of deviations specified in paragraph (c)(4)(v) of this section that occurred during the reporting period.

**Not included. There are no Pneumatic Controller affected facilities in this asset.**

## **Attachment F: Storage Tanks**

### Storage vessel affected facility reporting requirements per 40 CFR 60.5420(b)(6)

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#### **Storage Vessel Affected Facility reporting requirements per 40 CFR 60.5420(b) (6)**

This section deals with storage vessels (tanks) that are affected facilities. Control devices pursuant to 40 CFR 60.5410(h)(2) and (h)(3) had to be installed on Group 1 storage vessels by April 15, 2015. Control requirements pursuant to 40 CFR 64.5410 (h)(2) and (h)(3) for Group 2 storage vessels were not due until April 15, 2014 or 60 days after startup, whichever is later. Unless noted in the deviation report in compliance with 40 CFR 60.5420(c)(5)(iii) below, ConocoPhillips has met these requirements for storage vessel affected facilities that were determined to be affected facilities in accordance with 40 CFR 60.5365(e).

40 CFR 60.5365(e) requires that a determination of the VOC emissions be completed by 10/15/2013 for Group 1 storage vessels and by April 15, 2014, or 30 days after startup (whichever is later) for Group 2 storage vessels. 40 CFR 60.5420(b) (6) requires identification of each storage vessel affected facility for which construction, modification or reconstruction commenced during the reporting period. There were no new or modified storage vessels that have been determined to be affected facilities during this reporting period. As noted in previous annual reports, all storage vessel affected facilities are in compliance with 40 CFR 60.5410 (h)(2) and (3).

In accordance with 40 CFR 60.5420 (b)(6)(iii), records of deviations specified in paragraph 40 CFR 60.5420(c)(5)(iii) during this reporting period are provided in the attached table "Table 1: NSPS Subpart OOOO Storage Vessel Affected Facility Deviation Report".

**No storage vessel affected facilities subject to NSPS subpart OOOO were removed from service or returned to service during the reporting period.**

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#### Storage vessel affected facility reporting requirements per 40 CFR 60.5420a(b)(6)

(6) For each storage vessel affected facility, the information in paragraphs (b)(6)(i) through (vii) of this section.

(i) An identification, including the location, of each storage vessel affected facility for which construction, modification or reconstruction commenced during the reporting period. The location of the storage vessel shall be in latitude and longitude coordinates in decimal degrees to an accuracy and precision of five (5) decimals of a degree using the North American Datum of 1983.

**Not applicable. No storage vessel affected facilities subject to NSPS subpart OOOOa were constructed modified or reconstruction commenced during the reporting period.**

(ii) Documentation of the VOC emission rate determination according to § 60.5365a(e) for each storage vessel that became an affected facility during the reporting period or is returned to service during the reporting period.

**Not applicable. No storage vessel affected facilities subject to NSPS subpart OOOOa were removed from service or returned to service during the reporting period.**

(iii) Records of deviations specified in paragraph (c)(5)(iii) of this section that occurred during the reporting period.

(iv) A statement that you have met the requirements specified in § 60.5410a(h)(2) and (3).

(v) You must identify each storage vessel affected facility that is removed from service during the reporting period as specified in § 60.5395a(c)(1)(ii), including the date the storage vessel affected facility was removed from service.

**Not applicable. No storage vessel affected facilities have been removed from service during the reporting period.**

(vi) You must identify each storage vessel affected facility returned to service during the reporting period as specified in § 60.5395a(c)(3), including the date the storage vessel affected facility was returned to service.

**Not applicable. No storage vessel affected facilities that have been removed from service were returned to service during the reporting period.**

(vii) If complying with § 60.5395a(a)(2) with a control device tested under § 60.5413a(d) which meets the criteria in § 60.5413a(d)(11) and § 60.5413a(e), records specified in paragraphs (c)(5)(vi)(A) through (F) of this section for each storage vessel constructed, modified, reconstructed or returned to service during the reporting period.

**Not applicable. No control devices that are tested under 60.5413a(d) are in service during the reporting period.**

## **Attachment G: Fugitive Emission Components**

### Collection of fugitive emissions components reporting requirements per 40 CFR 60.5420a(b)(7)

#### **OOOOa only**

(7) For the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each compressor station within the company-defined area, the records of each monitoring survey including the information specified in paragraphs (b)(7)(i) through (xii) of this section. For the collection of fugitive emissions components at a compressor station, if a monitoring survey is waived under § 60.5397a(g)(5), you must include in your annual report the fact that a monitoring survey was waived and the calendar months that make up the quarterly monitoring period for which the monitoring survey was waived.

(i) Date of the survey.

(ii) Beginning and end time of the survey.

(iii) Name of operator(s) performing survey. If the survey is performed by optical gas imaging, you must note the training and experience of the operator.

(iv) Ambient temperature, sky conditions, and maximum wind speed at the time of the survey.

(v) Monitoring instrument used.

(vi) Any deviations from the monitoring plan or a statement that there were no deviations from the monitoring plan.

(vii) Number and type of components for which fugitive emissions were detected.

(viii) Number and type of fugitive emissions components that were not repaired as required in § 60.5397a(h).

(ix) Number and type of difficult-to-monitor and unsafe-to-monitor fugitive emission components monitored.

(x) The date of successful repair of the fugitive emissions component.

(xi) Number and type of fugitive emission components placed on delay of repair and explanation for each delay of repair.

(xii) Type of instrument used to resurvey a repaired fugitive emissions component that could not be repaired during the initial fugitive emissions finding.

## Attachment H: Pneumatic Pumps

### Pneumatic pump affected facility reporting requirements per 40 CFR 60.5420a(b)(8)

#### OOOOa only

(8) For each pneumatic pump affected facility, the information specified in paragraphs (b)(8)(i) through (iii) of this section.

(i) For each pneumatic pump that is constructed, modified or reconstructed during the reporting period, you must provide certification that the pneumatic pump meets one of the conditions described in paragraphs (b)(8)(i)(A), (B) or (C) of this section.

(A) No control device or process is available on site.

(B) A control device or process is available on site and the owner or operator has determined in accordance with § 60.5393a(b)(5) that it is technically infeasible to capture and route the emissions to the control device or process.

(C) Emissions from the pneumatic pump are routed to a control device or process. If the control device is designed to achieve less than 95 percent emissions reduction, specify the percent emissions reductions the control device is designed to achieve.

(ii) For any pneumatic pump affected facility which has been previously reported as required under paragraph (b)(8)(i) of this section and for which a change in the reported condition has occurred during the reporting period, provide the identification of the pneumatic pump affected facility and the date it was previously reported and a certification that the pneumatic pump meets one of the conditions described in paragraphs (b)(8)(ii)(A), (B) or (C) or (D) of this section.

(A) A control device has been added to the location and the pneumatic pump now reports according to paragraph (b)(8)(i)(C) of this section.

(B) A control device has been added to the location and the pneumatic pump affected facility now reports according to paragraph (b)(8)(i)(B) of this section.

(C) A control device or process has been removed from the location or otherwise is no longer available and the pneumatic pump affected facility now report according to paragraph (b)(8)(i)(A) of this section.

(D) A control device or process has been removed from the location or is otherwise no longer available and the owner or operator has determined in accordance with § 60.5393a(b)(5) through an engineering evaluation that it is technically infeasible to capture and route the emissions to another control device or process.

(iii) Records of deviations specified in paragraph (c)(16)(ii) of this section that occurred during the reporting period.

**Not included. There are no Pneumatic Pump affected facilities in this asset.**

# Attachment A: General Information

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

For each affected facility, an owner or operator must include the information specified in paragraphs (b)(1)(i) through (iv) of this section in all annual reports:

The asterisk (\*) next to each field indicates that the corresponding field is required.

| SITE INFORMATION  |   |  |   |   |         |          |                      |            | REPORTING INFORMATION  |   |   |  |
|---|---|--|---|---|---------|----------|----------------------|------------|--|---|---|--|
| Facility Record No. *<br>(Field value will auto+A12:Q42matically generate if a value is not entered.) | Company Name *<br>(\$60.5420a(b)(1)(i)) | Facility Site Name * (\$60.5420a(b)(1)(i)) | US Well ID or US Well ID Associated with the Affected Facility, if applicable. *<br>(\$60.5420a(b)(1)(i)) | Address of Affected Facility *<br>(\$60.5420a(b)(1)(i)) | City *  | County * | State Abbreviation * | Zip Code * | Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983)<br>(\$60.5420a(b)(1)(i)) | Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983)<br>(\$60.5420a(b)(1)(i)) | Beginning Date of Reporting Period.*<br>(\$60.5420a(b)(1)(iii)) | Ending Date of Reporting Period.*<br>(\$60.5420a(b)(1)(iii)) |
| 1   | ConocoPhillips                          | Big Sandy 3-65 1DH                         | 500110102   | NESE 35 3S65W 6 PM                                      | Watkins | Adams    | CO                   | 80137      | (b) (9)  |   | 8/2/2018  | 8/1/2019   |
| 2   | ConocoPhillips                          | Big Sandy 3-65 2AH                         | 500110101   | NESE 35 3S65W 6 PM                                      | Watkins | Adams    | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 3   | ConocoPhillips                          | Big Sandy 3-65 2BH                         | 500110100   | NESE 35 3S65W 6 PM                                      | Watkins | Adams    | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 4   | ConocoPhillips                          | Big Sandy 3-65 2CH                         | 500110073   | NESE 35 3S65W 6 PM                                      | Watkins | Adams    | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 5   | ConocoPhillips                          | Cottonwood Creek 4-65 27-28 3CH            | 500507331   | SWSE 27 4S 65W 6  | Watkins | Arapahoe | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 6   | ConocoPhillips                          | Cottonwood Creek 4-65 27-28 3DH            | 500507330   | SWSE 27 4S 65W 6  | Watkins | Arapahoe | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 7   | ConocoPhillips                          | Cottonwood Creek 4-65 27-28 4BH            | 500507329   | SWSE 27 4S 65W 6  | Watkins | Arapahoe | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 8   | ConocoPhillips                          | Cottonwood Creek 4-65 27-28 4AH            | 500507328   | SWSE 27 4S 65W 6  | Watkins | Arapahoe | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 9   | ConocoPhillips                          | Lone Tree 4-65 15-16 3BH                   | 500507261   | SENE 15 4S 65W 6  | Watkins | Arapahoe | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 10  | ConocoPhillips                          | Florida 3-65 27-26 3AH                     | 500110129   | NWSW 27 3S 65W 6  | Watkins | Adams    | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 11  | ConocoPhillips                          | Florida 3-65 27-26 3BH                     | 500110128   | NWSW 27 3S 65W 6  | Watkins | Adams    | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 12  | ConocoPhillips                          | Florida 3-65 27-26 3CH                     | 500110130   | NWSW 27 3S 65W 6  | Watkins | Adams    | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 13  | ConocoPhillips                          | Florida 3-65 27-26 3DH                     | 500110131   | NWSW 27 3S 65W 6  | Watkins | Adams    | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 14  | ConocoPhillips                          | Bear 3-65 27-26 3AH                        | 500110004   | NWSW 22 3S 65W 6  | Watkins | Adams    | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 15  | ConocoPhillips                          | Bear 3-65 27-26 3BH                        | 500110151   | NWSW 22 3S 65W 6  | Watkins | Adams    | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 16  | ConocoPhillips                          | Bear 3-65 27-26 3CH                        | 500110150   | NWSW 22 3S 65W 6  | Watkins | Adams    | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 17  | ConocoPhillips                          | Bear 3-65 27-26 3DH                        | 500110005   | NWSW 22 3S 65W 6  | Watkins | Adams    | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 18  | ConocoPhillips                          | Blue 3-65 32-33 1H                         | 500109831   | NENE 33 3s 65w 6  | Watkins | Adams    | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 19  | ConocoPhillips                          | Eastern Hills 4-65 17-18 2DH               | 500507263   | SENE 17 4S 65W 6  | Watkins | Arapahoe | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 20  | ConocoPhillips                          | Chico 4-65 25-26 3AH                       | 500507365   | SWNW 26 4S 65W 6  | Watkins | Arapahoe | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 21  | ConocoPhillips                          | Chico 4-65 25-26 2BH                       | 500507366   | SWNW 26 4S 65W 6  | Watkins | Arapahoe | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 22  | ConocoPhillips                          | Chico 4-65 25-26 2CH                       | 500507367   | SWNW 26 4S 65W 6  | Watkins | Arapahoe | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 23  | ConocoPhillips                          | Chico 4-65 25-26 2DH                       | 500507368   | SWNW 26 4S 65W 6  | Watkins | Arapahoe | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
| 24  | ConocoPhillips                          | State Challenger 5-65 23 2-3 3BYH          | 500507327   | NWSW 1 5S65W 6  | Watkins | Arapahoe | CO                   | 80137      |  |   | 8/2/2018  | 8/1/2019   |
|   |   |  |   |   |         |          |                      |            |  |   |   |  |
|   |   |  |   |   |         |          |                      |            |  |   |   |  |
|   |   |  |   |   |         |          |                      |            |  |   |   |  |
|   |   |  |   |   |         |          |                      |            |  |   |   |  |

Attachment B: Well Completions

§60.5432a Low Pressure Wells

All Well Completions

Well Affected Facilities Required to Comply with §60.5375a(a) and §60.5375a(f)

| Facility Record Number* | United States Well Number* (§60.5420a(b)(1)(ii)) | Records of deviations where well completion operations with hydraulic fracturing were not performed in compliance with the requirements specified in § 60.5375a. * (§60.5420a(b)(2)(ii) and §60.5420a(c)(1)(ii)) | Please provide the file name that contains the Record of Determination and Supporting Inputs and Calculations * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(vi)(i)) Please provide only one file per record. | Well Completion ID * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(i)) | Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B)) | Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B)) | Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B)) | Date of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B)) | Time of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B)) | Date of Temporarily Stop Separator Flowback | Time of Temporarily Stop Separator Flowback | Duration of Hours (Calculated from Date) | Duration of Hours (Calculated from Time Stamp) | Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B)) | Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B)) | Duration of Flowback in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B)) | Duration of Recovery in Hours * (Not Required for Wells Complying with §60.5375a(f)) (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)) | Disposition of Recovery * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B)) | Duration of Combustion in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B)) | Duration of Venting in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B)) | Reason for Venting in lieu of Capture or Combustion * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B)) |
|-------------------------|--|--|--|--|--|---|---|---|---|---|---|--|--|---|---|--|---|--|--|---|--|
|                         | e.g.: 12-345-67890-12                            | e.g.: On October 12, 2016, a separator was not onsite for the first 3 hours of   | e.g.: lowpressure.pdf or XYZCompressorStation.pdf  | e.g.: Completion ABC   | e.g.: 34 12345 latitude, -101.12345 longitude                        | e.g.: 10/16/16  | e.g.: 10 a.m.   | e.g.: 10/16/16  | e.g.: 10 a.m.   |   |   |  |  | e.g.: 10/16/16  | e.g.: 10 a.m.   | e.g.: 5  | e.g.: 5   | e.g.: Used as onsite fuel  | e.g.: 5  | e.g.: 5   | e.g.: No onsite storage or combustion unit was available at the time of completion.                        |
| 1                       | 500110102  | None   | Not Applicable   | Big Sandy 3-65 1DH   | (b) (9)  | 7/23/2018   | N/A   | N/A   | N/A   | N/A   | N/A   | 1176                                     | 0.00   | 9/10/2018   | N/A   | 1176   | 1176  | Routed to the gas flow line  | 0  | 0   | N/A  |
| 2                       | 500110101  | None   | Not Applicable   | Big Sandy 3-65 2AH   |  | 7/26/2018   | N/A   | N/A   | N/A   | N/A   | N/A   | 1104                                     | 0.00   | 9/10/2018   | N/A   | 1104   | 1104  | Routed to the gas flow line  | 0  | 0   | N/A  |
| 3                       | 500110100  | None   | Not Applicable   | Big Sandy 3-65 2BH   |  | 7/12/2018   | N/A   | N/A   | N/A   | N/A   | N/A   | 1440                                     | 0.00   | 9/10/2018   | N/A   | 1440   | 1397  | Routed to the gas flow line  | 43   | 0   | N/A  |
| 4                       | 500110073  | None   | Not Applicable   | Big Sandy 3-65 2CH   |  | 7/12/2018   | N/A   | N/A   | N/A   | N/A   | N/A   | 1440                                     | 0.00   | 9/10/2018   | N/A   | 1440   | 1395  | Routed to the gas flow line  | 45   | 0   | N/A  |
| 5                       | 500507331  | None   | Not Applicable   | Cottonwood Creek 4-65 27-28 3CH                                  |  | 8/16/2018   | N/A   | N/A   | N/A   | N/A   | N/A   | 1296                                     | 0.00   | 10/9/2018   | N/A   | 1296   | 1296  | Routed to the gas flow line  | 0  | 0   |  |
| 6                       | 500507330  | None   | Not Applicable   | Cottonwood Creek 4-65 27-28 3DH                                  |  | 8/11/2018   | N/A   | N/A   | N/A   | N/A   | N/A   | 1416                                     | 0.00   | 10/9/2018   | N/A   | 1416   | 1397  | Routed to the gas flow line  | 19   | 0   |  |
| 7                       | 500507329  | None   | Not Applicable   | Cottonwood Creek 4-65 27-28 4BH                                  |  | 9/20/2018   | N/A   | N/A   | N/A   | N/A   | N/A   | 1200                                     | 0.00   | 10/9/2018   | N/A   | 1200   | 1200  | Routed to the gas flow line  | 0  | 0   |  |
| 8                       | 500507328  | None   | Not Applicable   | Cottonwood Creek 4-65 27-28 4AH                                  |  | 8/11/2018   | N/A   | N/A   | N/A   | N/A   | N/A   | 1416                                     | 0.00   | 10/9/2018   | N/A   | 1416   | 1397  | Routed to the gas flow line  | 19   | 0   |  |
| 9                       | 500507261  | None   | Not Applicable   | Lone Tree 4-65 15-16 3BH   |  | 10/4/2018   | N/A   | N/A   | N/A   | N/A   | N/A   | 1464                                     | 0.00   | 12/4/2018   | N/A   | 1464   | 1411  | Routed to the gas flow line  | 53.5   | 0   |  |
| 10                      | 500110129  | None   | Not Applicable   | Florida 3-65 27-26 3AH   |  | 9/26/2018   | N/A   | N/A   | N/A   | N/A   | N/A   | 1032                                     | 0.00   | 11/8/2018   | N/A   | 1032   | 1032  | Routed to the gas flow line  | 0  | 0   |  |
| 11                      | 500110128  | None   | Not Applicable   | Florida 3-65 27-26 3BH   |  | 9/20/2018   | N/A   | N/A   | N/A   | N/A   | N/A   | 1176                                     | 0.00   | 11/8/2018   | N/A   | 1176   | 1176  | Routed to the gas flow line  | 0  | 0   |  |
| 12                      | 500110130  | None   | Not Applicable   | Florida 3-65 27-26 3CH   |  | 9/25/2018   | N/A   | N/A   | N/A   | N/A   | N/A   | 1056                                     | 0.00   | 11/8/2018   | N/A   | 1056   | 1056  | Routed to the gas flow line  | 0  | 0   |  |
| 13                      | 500110131  | None   | Not Applicable   | Florida 3-65 27-26 3DH   |  | 9/20/2018   | N/A   | N/A   | N/A   | N/A   | N/A   | 1176                                     | 0.00   | 11/8/2018   | N/A   | 1176   | 1176  | Routed to the gas flow line  | 0  | 0   |  |
| 14                      | 500110004  | None   | Not Applicable   | Bear 3-65 27-26 3AH  |  | 11/16/2018  | N/A   | N/A   | N/A   | N/A   | N/A   | 672                                      | 0.00   | 12/14/2018  | N/A   | 672  | 672   | Routed to the gas flow line  | 0  | 0   |  |
| 15                      | 500110151  | None   | Not Applicable   | Bear 3-65 27-26 3BH  |  | 11/10/2018  | N/A   | N/A   | N/A   | N/A   | N/A   | 816                                      | 0.00   | 12/14/2018  | N/A   | 816  | 807   | Routed to the gas flow line  | 0  | 0   |  |
| 16                      | 500110150  | None   | Not Applicable   | Bear 3-65 27-26 3CH  |  | 11/14/2018  | N/A   | N/A   | N/A   | N/A   | N/A   | 720                                      | 0.00   | 12/14/2018  | N/A   | 720  | 720   | Routed to the gas flow line  | 0  | 0   |  |
| 17                      | 500110005  | None   | Not Applicable   | Bear 3-65 27-26 3DH  |  | 11/10/2018  | N/A   | N/A   | N/A   | N/A   | N/A   | 816                                      | 0.00   | 12/14/2018  | N/A   | 816  | 807   | Routed to the gas flow line  | 9  | 0   |  |
| 18                      | 500109831  | None   | Not Applicable   | Blue 3-65 32-33 1H   |  | 12/14/2018  | N/A   | N/A   | N/A   | N/A   | N/A   | 504                                      | 0.00   | 1/4/2019  | N/A   | 504  | 480   | Routed to the gas flow line  | 24   | 0   |  |
| 19                      | 500507263  | None   | Not Applicable   | Eastern Hills 4-65 17-18 2DH                                     |  | 2/4/2019  | N/A   | N/A   | N/A   | N/A   | N/A   | 384                                      | 0.00   | 2/20/2019   | N/A   | 384  | 384   | Routed to the gas flow line  | 0  | 0   |  |
| 20                      | 500507365  | None   | Not Applicable   | Chico 4-65 25-26 3AH   |  | 7/18/2019   | N/A   | N/A   | N/A   | N/A   | N/A   | 768                                      | 0.00   | 8/19/2019   | N/A   | 768  | 768   | Routed to the gas flow line  | 0  | 0   |  |
| 21                      | 500507366  | None   | Not Applicable   | Chico 4-65 25-26 2BH   |  | 7/16/2019   | N/A   | N/A   | N/A   | N/A   | N/A   | 24                                       | 0.00   | 7/17/2019   | N/A   | 24   | 24  | Routed to the gas flow line  | 0  | 0   |  |
| 22                      | 500507367  | None   | Not Applicable   | Chico 4-65 25-26 2CH   |  | 7/9/2019  | N/A   | N/A   | N/A   | N/A   | N/A   | 984                                      | 0.00   | 8/19/2019   | N/A   | 984  | 981   | Routed to the gas flow line  | 3.5  | 0   |  |
| 23                      | 500507368  | None   | Not Applicable   | Chico 4-65 25-26 2DH   |  | 7/25/2019   | N/A   | N/A   | N/A   | N/A   | N/A   | 0  | 0.00   | 7/25/2019   | N/A   | 0  | 0   | Routed to the gas flow line  | 0  | 0   |  |
| 24                      | 500507327  | None   | Not Applicable   | State Challenger 5-65 2-3 3BYH                                   |  | 7/26/2018   | N/A   | N/A   | N/A   | N/A   | N/A   | 1344                                     | 0.00   | 9/20/2018   | N/A   | 1344   | 1344  | Routed to the gas flow line  | 0  | 0   |  |

Attachment G: Fugitive Emission Components

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

For the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each compressor station within the company-defined area, an owner or operator must include the records of each monitoring survey including the information specified in paragraphs (b)(7)(i) through (xi) of this section in all annual reports:

The asterisk (\*) next to each field indicates that the corresponding field is required.

| Facility Record No. *<br>(Select from dropdown list - may need to scroll up) | Identification of Each Affected Facility *<br>(§60.5420a(b)(1)) | Date of Survey *<br>(§60.5420a(b)(7)(i)) | Survey Begin Time *<br>(§60.5420a(b)(7)(ii)) | Survey End Time *<br>(§60.5420a(b)(7)(iii)) | Name of Surveyor *<br>(§60.5420a(b)(7)(iv)) | Ambient Temperature During Survey *<br>(§60.5420a(b)(7)(v)) | Sky Conditions During Survey *<br>(§60.5420a(b)(7)(vi)) | Maximum Wind Speed During Survey *<br>(§60.5420a(b)(7)(vii)) | Monitoring Instrument Used *<br>(§60.5420a(b)(7)(viii)) | Deviations From Monitoring Plan (if none, state none.) *<br>(§60.5420a(b)(7)(viii)) | Type of Component for which Fugitive Emissions Detected *<br>(§60.5420a(b)(7)(viii)) | Number of Each Component Type for which Fugitive Emissions Detected *<br>(§60.5420a(b)(7)(viii)) | Date of Successful Repair of Fugitive Emissions Component *<br>(§60.5420a(b)(7)(ix)) | Type of Component Placed on Delay of Repair *<br>(§60.5420a(b)(7)(ix)) | Number of Each Component Type Placed on Delay of Repair *<br>(§60.5420a(b)(7)(ix)) | Explanation for Delay of Repair *<br>(§60.5420a(b)(7)(ix)) | Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey *<br>(§60.5420a(b)(7)(ix)) | Training and Experience of Surveyor * (§60.5420a(b)(7)(ix))  | Was a monitoring survey waived under § 60.5397a(g)(5)? *<br>(§60.5420a(b)(7)(ix)) | Is a monitoring survey waived under § 60.5397a(g)(5)? *<br>(§60.5420a(b)(7)(ix)) |
|--|---|--|--|---|---|---|---|--|---|---|--|--|--|--|--|--|--|--|---|--|
| Column1  | e.g.: Well Site ABC   | e.g.: 8/13/17                            | e.g.: 10:00 am                               | e.g.: 1:00 pm                               | e.g.: John Smith                            | e.g.: 90°F  | e.g.: Sunny, no clouds                                  | e.g.: 2 mph  | e.g.: Company ABC optical gas imaging camera            | e.g.: None  | e.g.: Valve  | e.g.: 3  | e.g.: 11/19/16   | e.g.: Valve6   | e.g.: 17   | e.g.: Unsafe to repair until next shutdown                 | e.g.: Company ABC optical gas imaging camera8  | e.g.: Trained thermographer; completed 40-hour course at XYZ Training Center. Has 10 years of experience with OGI surveys. | e.g.: Yes   | e.g.: January, February, and March   |
|  |   |  |  |   | (b) (6)                                     |   |   |  |   |   |  |  |  |  |  |  |  |  |   |  |
|  | Aspen 3-65 15-14 pad  | 8/30/2018                                | 16:00  | 16:45                                       |   | 73.00 FA  | Mostly Cloudy   | 13.00 MPH  | FLIR GF320  | No  | Flange   | 1  | 8/31/2018  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Kelsey Waggaman- 3 Months OJT  | No  | N/A  |
|  | Aspen 3-65 15-14 pad  | 10/16/2018                               | 12:45  | 13:15                                       |   | 62.00 FA  | Mostly Sunny  | 3.00 MPH   | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Kelsey Waggaman- 3 Months OJT  | No  | N/A  |
|  | Aspen 3-65 15-14 pad  | 12/21/2018                               | 11:15  | 11:45                                       |   | 45.00 FA  | Mostly Sunny  | 7.00 MPH   | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Kelsey Waggaman- 3 Months OJT  | No  | N/A  |
|  | Aspen 3-65 15-14 pad  | 1/29/2019                                | 11:30  | 12:00                                       |   | 45.00 FA  | Mostly Cloudy   | 13.00 MPH  | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Beth Aldrich - 4 Hours of camera training from FLIR and 4.75 yrs OJT   | No  | N/A  |
|  | Aspen 3-65 15-14 pad  | 2/28/2019                                | 14:00  | 14:15                                       |   | 57.00 FA  | Mostly Sunny  | 5.00 MPH   | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Beth Aldrich - 4 Hours of camera training from FLIR and 4.75 yrs OJT   | No  | N/A  |
|  | Aspen 3-65 15-14 pad  | 3/28/2019                                | 10:00  | 10:15                                       |   | 60.00 FA  | Sunny   | 5.00 MPH   | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Beth Aldrich - 4 Hours of camera training from FLIR and 4.75 yrs OJT   | No  | N/A  |
|  | Aspen 3-65 15-14 pad  | 5/30/2019                                | 14:15  | 14:45                                       |   | 75.00 FA  | Partly Cloudy   | 10.00 MPH  | FLIR GF320  | No  | Thief Hatch  | 1  | 6/4/2019   | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Daisie Young - 3 Months OJT  | No  | N/A  |
|  | B&D Land 4-64 4-5 pad   | 8/28/2018                                | 8:00   | 11:30                                       |   | 70.00 FA  | Mostly Sunny  | 4.00 MPH   | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Kelsey Waggaman- 3 Months OJT  | No  | N/A  |
|  | B&D Land 4-64 4-5 pad   | 9/19/2018                                | 13:15  | 12:45                                       |   | 80.00 FA  | Partly Cloudy   | 10.00 MPH  | FLIR GF320  | No  | Thief Hatch  | 1  | 10/1/2018  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Kelsey Waggaman- 3 Months OJT  | No  | N/A  |
|  | B&D Land 4-64 4-5 pad   | 10/8/2018                                | 14:45  | 15:00                                       |   | 78.00 FA  | Mostly Cloudy   | 0.00 MPH   | FLIR GF320  | No  | Connector  | 1  | 11/12/2018   | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Kelsey Waggaman- 3 Months OJT  | No  | N/A  |
|  | B&D Land 4-64 4-5 pad   | 11/1/2018                                | 16:00  | 16:15                                       |   | 52.00 FA  | Partly Cloudy   | 15.00 MPH  | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Kelsey Waggaman- 3 Months OJT  | No  | N/A  |
|  | B&D Land 4-64 4-5 pad   | 12/7/2018                                | 14:15  | 14:45                                       |   | 29.00 FA  | Mostly Cloudy   | 15.00 MPH  | FLIR GF320  | No  | VRU  | 1  | 12/10/2018   | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Kelsey Waggaman- 3 Months OJT  | No  | N/A  |
|  | B&D Land 4-64 4-5 pad   | 2/12/2019                                | 10:30  | 14:45                                       |   | 41.00 FA  | Partly Cloudy   | 7.00 MPH   | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Beth Aldrich - 4 Hours of camera training from FLIR and 4.75 yrs OJT   | No  | N/A  |
|  | B&D Land 4-64 4-5 pad   | 5/31/2019                                | 14:15  | 14:45                                       |   | 70.00 FA  | Sunny   | 5.00 MPH   | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Daisie Young - 3 Months OJT  | No  | N/A  |
|  | Bear 3-65 27-26 pad   | 1/10/2019                                | 14:30  | 16:30                                       |   | 57.00 FA  | Partly Cloudy   | 8.00 MPH   | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Beth Aldrich - 4 Hours of camera training from FLIR and 4.75 yrs OJT   | No  | N/A  |
|  | Bear 3-65 27-26 pad   | 2/28/2019                                | 13:00  | 14:00                                       |   | 46.00 FA  | Mostly Cloudy   | 5.00 MPH   | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Beth Aldrich - 4 Hours of camera training from FLIR and 4.75 yrs OJT   | No  | N/A  |
|  | Bear 3-65 27-26 pad   | 3/28/2019                                | 10:30  | 11:00                                       |   | 57.00 FA  | Mostly Sunny  | 10.00 MPH  | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Beth Aldrich - 4 Hours of camera training from FLIR and 4.75 yrs OJT   | No  | N/A  |
|  | Bear 3-65 27-26 pad   | 4/30/2019                                | 14:45  | 15:30                                       |   | 40.00 FA  | Cloudy  | 5.00 MPH   | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Daisie Young - 3 Months OJT  | No  | N/A  |
|  | Bear 3-65 27-26 pad   | 5/30/2019                                | 14:30  | 15:30                                       |   | 60.00 FA  | Sunny   | 8.00 MPH   | FLIR GF320  | No  | Thief Hatch  | 1  | 6/4/2019   | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Daisie Young - 3 Months OJT  | No  | N/A  |
|  | Bear 3-65 27-26 pad   | 6/24/2019                                | 13:30  | 14:00                                       |   | 75.00 FA  | Partly Cloudy   | 8.00 MPH   | FLIR GF320  | No  | Thief Hatch  | 1  | 7/10/2019  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Daisie Young - 3 Months OJT  | No  | N/A  |
|  | Bear 3-65 27-26 pad   | 7/30/2019                                | 16:45  | 17:00                                       |   | 75.00 FA  | Mostly Cloudy   | 13.00 MPH  | FLIR GF320  | No  | Thief Hatch  | 1  | 8/5/2019   | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Daisie Young - 3 Months OJT  | No  | N/A  |
|  | Big Sandy 3-65 pad  | 10/8/2018                                | 10:30  | 11:30                                       |   | 37.00 FA  | Mostly Cloudy   | 0.00 MPH   | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Kelsey Waggaman- 3 Months OJT  | No  | N/A  |
|  | Big Sandy 3-65 pad  | 12/7/2018                                | 15:00  | 16:00                                       |   | 29.00 FA  | Mostly Cloudy   | 18.00 MPH  | FLIR GF320  | No  | North Box Seal   | 1  | 12/10/2018   | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Kelsey Waggaman- 3 Months OJT  | No  | N/A  |
|  | Big Sandy 3-65 pad  | 12/21/2018                               | 11:45  | 12:00                                       |   | 50.00 FA  | Mostly Sunny  | 8.00 MPH   | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Kelsey Waggaman- 3 Months OJT  | No  | N/A  |
|  | Big Sandy 3-65 pad  | 1/29/2019                                | 14:30  | 16:30                                       |   | 57.00 FA  | Mostly Sunny  | 2.00 MPH   | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Beth Aldrich - 4 Hours of camera training from FLIR and 4.75 yrs OJT   | No  | N/A  |
|  | Big Sandy 3-65 pad  | 2/28/2019                                | 11:00  | 12:00                                       |   | 46.00 FA  | Partly Cloudy   | 12.00 MPH  | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Beth Aldrich - 4 Hours of camera training from FLIR and 4.75 yrs OJT   | No  | N/A  |
|  | Big Sandy 3-65 pad  | 3/29/2019                                | 10:00  | 11:00                                       |   | 35.00 FA  | Mostly Cloudy   | 6.00 MPH   | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Beth Aldrich - 4 Hours of camera training from FLIR and 4.75 yrs OJT   | No  | N/A  |
|  | Big Sandy 3-65 pad  | 4/25/2019                                | 13:30  | 14:30                                       |   | 58.00 FA  | Partly Sunny  | 5.00 MPH   | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Daisie Young - 3 Months OJT  | No  | N/A  |
|  | Big Sandy 3-65 pad  | 5/31/2019                                | 10:30  | 11:30                                       |   | 70.00 FA  | Sunny   | 5.00 MPH   | FLIR GF320  | No  | Thief Hatch  | 1  | 6/11/2019  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Daisie Young - 3 Months OJT  | No  | N/A  |
|  | Big Sandy 3-65 pad  | 6/25/2019                                | 9:45   | 10:45                                       |   | 80.00 FA  | Partly Sunny  | 5.00 MPH   | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Daisie Young - 3 Months OJT  | No  | N/A  |
|  | BLUE 3-65 32-33 pad   | 1/14/2019                                | 13:15  | 14:00                                       |   | 34.00 FA  | Partly Cloudy   | 8.00 MPH   | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Beth Aldrich - 4 Hours of camera training from FLIR and 4.75 yrs OJT   | No  | N/A  |
|  | BLUE 3-65 32-33 pad   | 2/12/2019                                | 13:15  | 14:00                                       |   | 45.00 FA  | Partly Cloudy   | 10.00 MPH  | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Beth Aldrich - 4 Hours of camera training from FLIR and 4.75 yrs OJT   | No  | N/A  |
|  | BLUE 3-65 32-33 pad   | 3/28/2019                                | 12:30  | 12:45                                       |   | 58.00 FA  | Mostly Sunny  | 13.00 MPH  | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Beth Aldrich - 4 Hours of camera training from FLIR and 4.75 yrs OJT   | No  | N/A  |
|  | BLUE 3-65 32-33 pad   | 4/25/2019                                | 14:30  | 15:00                                       |   | 58.00 FA  | Partly Sunny  | 5.00 MPH   | FLIR GF320  | No  | Pressure valve   | 1  | 4/30/2019  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Daisie Young - 3 Months OJT  | No  | N/A  |
|  | BLUE 3-65 32-33 pad   | 5/30/2019                                | 13:00  | 13:30                                       |   | 60.00 FA  | Sunny   | 5.00 MPH   | FLIR GF320  | No  | Pressure valve   | 1  | 6/4/2019   | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Daisie Young - 3 Months OJT  | No  | N/A  |
|  | BLUE 3-65 32-33 pad   | 6/24/2019                                | 14:30  | 15:00                                       |   | 75.00 FA  | Partly Cloudy   | 10.00 MPH  | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Daisie Young - 3 Months OJT  | No  | N/A  |
|  | BLUE 3-65 32-33 pad   | 7/31/2019                                | 15:00  | 15:30                                       |   | 90.00 FA  | Partly Cloudy   | 10.00 MPH  | FLIR GF320  | No  | N/A  | 0  | N/A  | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Daisie Young - 3 Months OJT  | No  | N/A  |
|  | Cottonwood Creek 4-65 27-26 pad                                 | 12/7/2018                                | 16:00  | 16:30                                       |   | 28.00 FA  | Mostly Cloudy   | 16.00 MPH  | FLIR GF320  | No  | Thief Hatch  | 1  | 12/10/2018   | N/A  | N/A  | N/A  | Optical Gas Imaging Camera   | Kelsey Waggaman- 3 Months OJT  | No  | N/A  |
|  |   |  |  |   |   |   |   |  |   |   |  |  |  |  |  |  |  |  |   |  |

(b) (6)

|                                |            |       |       |          |               |           |            |    |                |   |            |     |     |     |                            |   |    |     |
|--------------------------------|------------|-------|-------|----------|---------------|-----------|------------|----|----------------|---|------------|-----|-----|-----|----------------------------|---|----|-----|
| Prosper Farms 4-65 2-1 pad     | 5/31/2019  | 12:00 | 12:30 | 70.00 FA | Sunny         | 5.00 MPH  | FLIR GF320 | No | Thief Hatch    | 1 | 6/11/2019  | N/A | N/A | N/A | Optical Gas Imaging Camera | Daisie Young - 3 Months OJT   | No | N/A |
| Rush 4-65 29-30 pad            | 8/23/2018  | 8:30  | 9:00  | 70.00 FA | Partly Sunny  | 13.00 MPH | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Kelsy Waggaman- 3 Months OJT  | No | N/A |
| Rush 4-65 29-30 pad            | 9/27/2018  | 12:00 | 12:15 | 70.00 FA | Partly Cloudy | 4.00 MPH  | FLIR GF320 | No | Thief Hatch    | 1 | 9/27/2018  | N/A | N/A | N/A | Optical Gas Imaging Camera | Kelsy Waggaman- 3 Months OJT  | No | N/A |
| Rush 4-65 29-30 pad            | 11/13/2018 | 12:00 | 13:15 | 46.00 FA | Partly Cloudy | 2.00 MPH  | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Kelsy Waggaman- 3 Months OJT  | No | N/A |
| Rush 4-65 29-30 pad            | 12/21/2018 | 9:15  | 9:45  | 39.00 FA | Mostly Sunny  | 6.00 MPH  | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Kelsy Waggaman- 3 Months OJT  | No | N/A |
| Rush 4-65 29-30 pad            | 1/31/2019  | 10:00 | 10:30 | 45.00 FA | Partly Cloudy | 4.00 MPH  | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Beth Aldrich -- 4 Hours of camera training from FLIR and 4.75 yrs OJT | No | N/A |
| Rush 4-65 29-30 pad            | 2/28/2019  | 15:00 | 15:15 | 47.00 FA | Partly Cloudy | 15.00 MPH | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Beth Aldrich -- 4 Hours of camera training from FLIR and 4.75 yrs OJT | No | N/A |
| Rush 4-65 29-30 pad            | 3/28/2019  | 9:15  | 9:30  | 51.00 FA | Sunny         | 3.00 MPH  | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Beth Aldrich -- 4 Hours of camera training from FLIR and 4.75 yrs OJT | No | N/A |
| Rush 4-65 29-30 pad            | 5/29/2019  | 15:15 | 15:45 | 75.00 FA | Sunny         | 5.00 MPH  | FLIR GF320 | No | Pressure valve | 1 | 6/3/2019   | N/A | N/A | N/A | Optical Gas Imaging Camera | Daisie Young - 3 Months OJT   | No | N/A |
| State Bierstadt 4-65 35-34 pad | 12/26/2018 | 8:00  | 9:00  | 30.00 FA | Mostly Cloudy | 5.00 MPH  | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Kelsy Waggaman- 3 Months OJT  | No | N/A |
| State Bierstadt 4-65 35-34 pad | 2/12/2019  | 13:00 | 13:30 | 43.00 FA | Partly Cloudy | 8.00 MPH  | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Beth Aldrich -- 4 Hours of camera training from FLIR and 4.75 yrs OJT | No | N/A |
| State Bierstadt 4-65 35-34 pad | 5/30/2019  | 11:30 | 12:00 | 60.00 FA | Sunny         | 5.00 MPH  | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Daisie Young - 3 Months OJT   | No | N/A |
| State Challenger 5-65 2-3 pad  | 11/13/2018 | 14:00 | 16:00 | 46.00 FA | Partly Cloudy | 2.00 MPH  | FLIR GF320 | No | Thief Hatch    | 3 | 11/13/2018 | N/A | N/A | N/A | Optical Gas Imaging Camera | Kelsy Waggaman- 3 Months OJT  | No | N/A |
| State Challenger 5-65 2-3 pad  | 12/21/2018 | 15:30 | 16:00 | 58.00 FA | Mostly Sunny  | 6.00 MPH  | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Kelsy Waggaman- 3 Months OJT  | No | N/A |
| State Challenger 5-65 2-3 pad  | 2/12/2019  | 15:30 | 15:45 | 46.00 FA | Partly Cloudy | 6.00 MPH  | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Beth Aldrich -- 4 Hours of camera training from FLIR and 4.75 yrs OJT | No | N/A |
| State Challenger 5-65 2-3 pad  | 5/29/2019  | 14:00 | 14:30 | 75.00 FA | Sunny         | 5.00 MPH  | FLIR GF320 | No | Thief Hatch    | 1 | 6/4/2019   | N/A | N/A | N/A | Optical Gas Imaging Camera | Daisie Young - 3 Months OJT   | No | N/A |
| State La Plata 5-65 13-15 pad  | 8/23/2018  | 9:00  | 9:45  | 72.00 FA | Partly Sunny  | 13.50 MPH | FLIR GF320 | No | Thief Hatch    | 1 | 8/31/2018  | N/A | N/A | N/A | Optical Gas Imaging Camera | Kelsy Waggaman- 3 Months OJT  | No | N/A |
| State La Plata 5-65 13-15 pad  | 9/7/2018   | 8:30  | 8:45  | 56.00 FA | Mostly Cloudy | 10.00 MPH | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Kelsy Waggaman- 3 Months OJT  | No | N/A |
| State La Plata 5-65 13-15 pad  | 12/26/2018 | 9:15  | 11:00 | 32.00 FA | Partly Cloudy | 5.00 MPH  | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Kelsy Waggaman- 3 Months OJT  | No | N/A |
| State La Plata 5-65 13-15 pad  | 3/29/2019  | 8:00  | 8:30  | 35.00 FA | Mostly Cloudy | 9.00 MPH  | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Beth Aldrich -- 4 Hours of camera training from FLIR and 4.75 yrs OJT | No | N/A |
| State La Plata 5-65 13-15 pad  | 5/29/2019  | 13:00 | 13:30 | 75.00 FA | Sunny         | 5.00 MPH  | FLIR GF320 | No | Thief Hatch    | 1 | 6/3/2019   | N/A | N/A | N/A | Optical Gas Imaging Camera | Daisie Young - 3 Months OJT   | No | N/A |
| Tiberius 4-64 8-7 pad          | 12/26/2018 | 10:30 | 11:00 | 33.00 FA | Mostly Cloudy | 6.00 MPH  | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Kelsy Waggaman- 3 Months OJT  | No | N/A |
| Tiberius 4-64 8-7 pad          | 3/29/2019  | 8:45  | 9:00  | 35.00 FA | Mostly Cloudy | 9.00 MPH  | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Beth Aldrich -- 4 Hours of camera training from FLIR and 4.75 yrs OJT | No | N/A |
| Tiberius 4-64 8-7 pad          | 5/31/2019  | 14:45 | 15:00 | 70.00 FA | Sunny         | 5.00 MPH  | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Daisie Young - 3 Months OJT   | No | N/A |
| Venturers 41-4H pad            | 12/26/2018 | 11:15 | 11:45 | 35.00 FA | Mostly Cloudy | 7.00 MPH  | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Kelsy Waggaman- 3 Months OJT  | No | N/A |
| Venturers 41-4H pad            | 3/29/2019  | 9:30  | 9:45  | 35.00 FA | Mostly Cloudy | 7.00 MPH  | FLIR GF320 | No | N/A            | 0 | N/A        | N/A | N/A | N/A | Optical Gas Imaging Camera | Beth Aldrich -- 4 Hours of camera training from FLIR and 4.75 yrs OJT | No | N/A |
| Venturers 41-4H pad            | 5/31/2019  | 13:30 | 14:00 | 70.00 FA | Sunny         | 5.00 MPH  | FLIR GF320 | No | 1/4" Fitting   | 1 | 5/31/2019  | N/A | N/A | N/A | Optical Gas Imaging Camera | Daisie Young - 3 Months OJT   | No | N/A |